


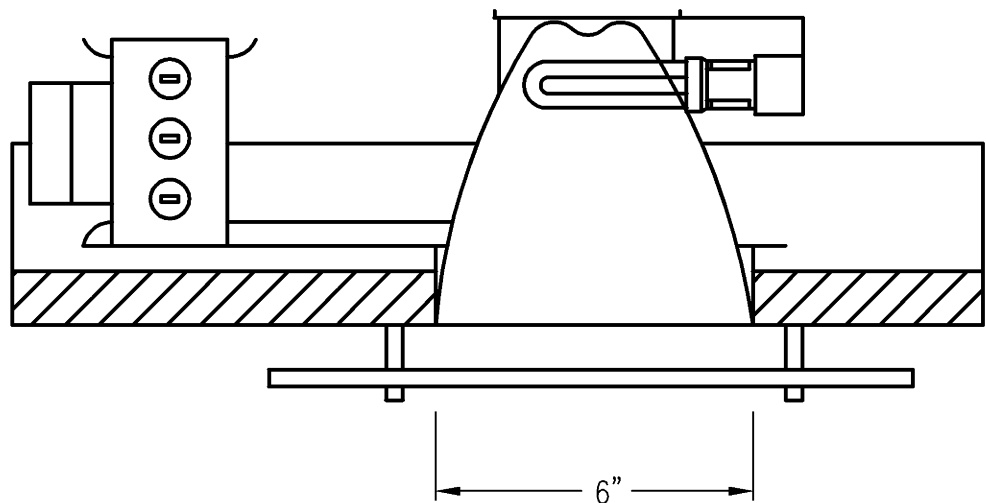
**LUMINAIRE REQUIREMENTS**

- HOUSING – DIE-FORMED 20 GAUGE STEEL WITH WHITE BAKED POWDER POLYESTER FINISH.
- REFLECTORS – LOW IRIDESCENCE SPECULAR PRE-ANODIZED ALUMINUM.
- MOUNTING – THE FIXTURE SHALL BE RECESSED GRID OR FLANGE, CEILING MOUNT (SUPPORTED FROM ABOVE)
- BALLAST SHALL BE ELECTRONIC, WITH THD < 20%, HIGH POWER FACTOR (≥ .95) CLASS P ELECTRONIC BALLAST WITH A SOUND RATING OF "A". PROVIDE BALLAST WITH "FINGER SAFE" DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.73(G).
- CERTIFICATION – FIXTURE AND ELECTRICAL COMPONENTS SHALL BE UL LISTED, IBEW LABEL.

DETAIL BASED ON COOPER LIGHTING, "FALL SAFE MPR2" SERIES

TYPE	LAMP #	LAMP TYPE	INPUT WATTS	VOLTS	MOUNTING
	6	40W BX	285	120/277	RECESSED CEILING


**MULTI FUNCTION PATIENT LIGHT**



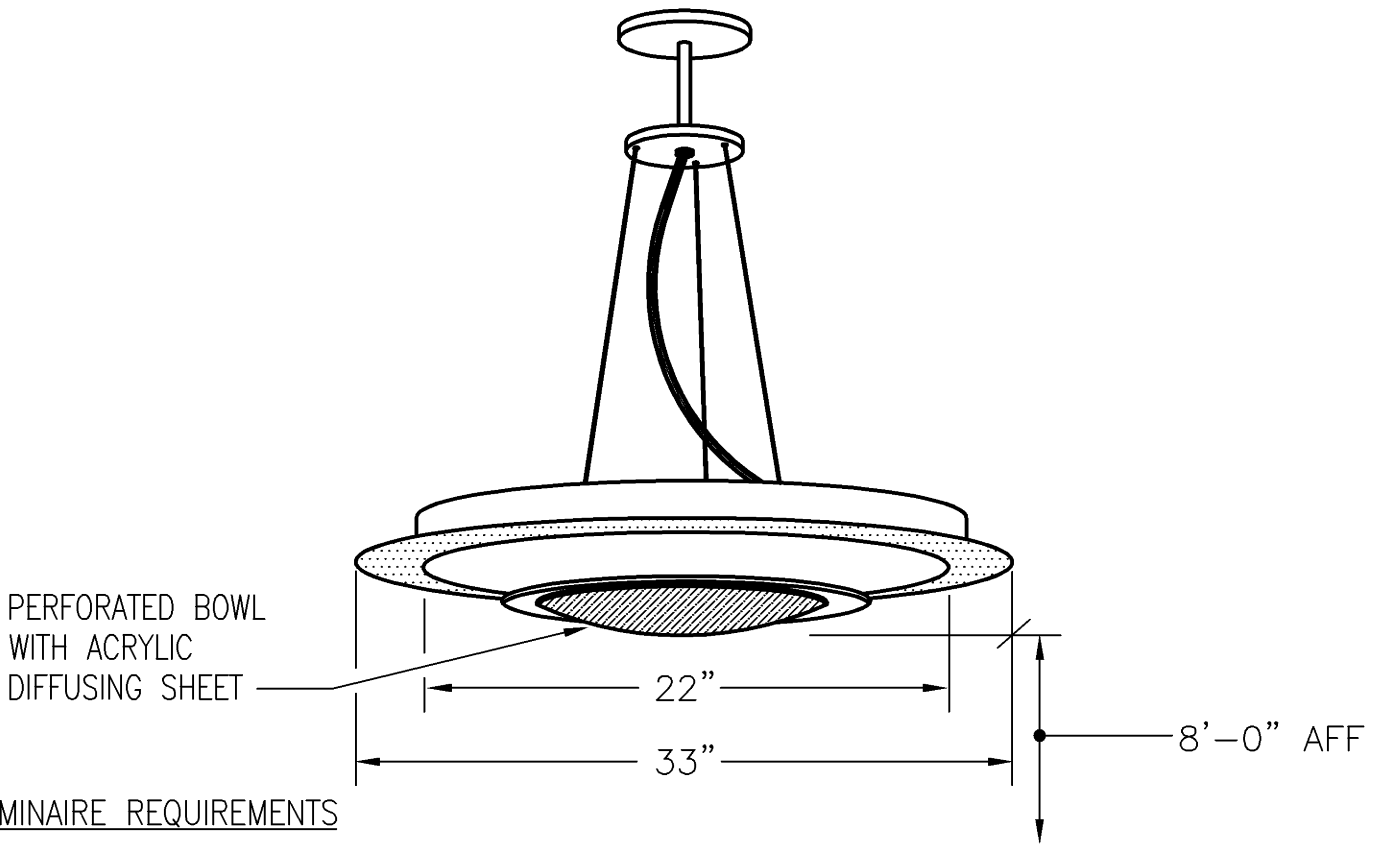
**LUMINAIRE REQUIREMENTS**

- SOCKET: HORIZONTALLY MOUNTED, 4 PIN PLUG-IN TYPE. SOCKET ASSEMBLY ROTATES 90°.
- INSTALLATION: MOUNTING PAN HAS PRE-INSTALLED C-CHANNEL WITH VERTICAL AND HORIZONTAL ADJUSTMENTS. BALLAST, JUNCTION BOX AND MOUNTING BRACKETS SHALL BE ACCESSIBLE FROM BELOW CEILING.
- REFLECTOR: PRECISION SPUN .050 ALUMINUM ONE PIECE REFLECTOR, SELF FLANGED WITH CLEAR SPECULAR LOW IRIDESCENT ALZAK FINISH. STANDARD FLAT FLANGE IS POLISHED WITH MATCHING REFLECTOR FINISH.
- 1/4" THICK TEMPERED SODA LIME GLASS TRIM CENTERED DISK WITH A SOLID CLEAR OUTER RING. TRIM IS HELD IN POSITION WITH BRUSHED ALUMINUM SPACERS
- MOUNTING: PRECISION DIE-STAMPED 16 GAUGE GALVANIZED STEEL MOUNTING PAN AND YOKE ASSEMBLY. ACCOMMODATES CEILING MATERIALS UP TO 1-3/8" THICK.
- BALLAST: ONE (1) TYPE 1 CLASS P , HIGH POWER FACTOR UNIVERSAL VOLTAGE ELECTRONIC COMPACT FLUORESCENT BALLAST. 2 LAMP OPERATION FOR 120 THROUGH 277 VOLT INPUT VOLTAGE.
- UL LISTED: FOR USE IN DAMP LOCATIONS AND APPROVED FOR THROUGH BRANCH CIRCUIT WIRING.

DETAIL BASED ON OMEGA LIGHTING, "OM61H42PLTFLD" SERIES

TYPE	LAMP #	LAMP TYPE	INPUT WATTS	VOLTS	MOUNTING
	2	26/CFL	60	120/277 UNIVERSAL	RECESSED CEILING


**6" HORIZONTAL DOWNLIGHT WITH FLOATING DISK**



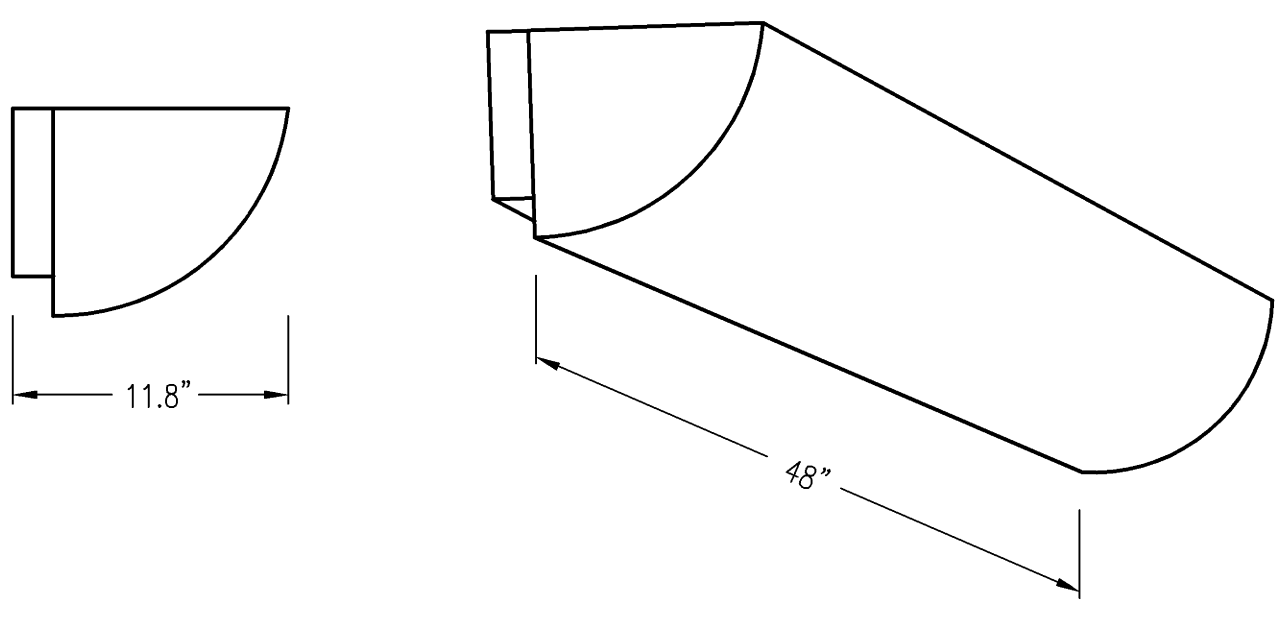
**LUMINAIRE REQUIREMENTS**

- HOUSING – BOTTOM HOUSING IS 33" IN DIAMETER, 16 GAUGE SPUN STEEL, WITH FOUR ROWS OF PERFORATION (1/8" DIAMETER HOLES) AT HOUSING PERIPHERY, AND A 12-1/2" DIAMETER OPENING IN THE MIDDLE. RECESSED UPPER HOUSING IS 20 GAUGE SPUN STEEL.
- REFLECTOR IS DIE-FORMED, 0.025" THICK SPECULAR HAMMERTONE ALUMINUM.
- BALLAST IS SOUND RATED A, THERMALLY PROTECTED CLASS P, ELECTRONIC BALLAST. THE MINIMUM NUMBER OF BALLSTS SHALL BE USED.
- SUSPENSION – EACH FIXTURE SHALL BE SUSPENDED WITH ONE P6 STEM (5/8" DIAMETER, 3/8" NATIONAL PIPE THREAD), THREE AIRCRAFT CABLES, AND AN INTERMEDIATE RETAINING PLATE. THE MINIMUM RECOMMENDED SUSPENSION HEIGHT IS 24" FOR 6-LAMP FIXTURES.
- CERTIFICATION – FIXTURE AND ELECTRICAL COMPONENTS SHALL BE UL LISTED.
- PROVIDE WITH EMERGENCY FLUORESCENT BALLAST.
- FINISH COLOR SHALL BE WHITE, PAINTED AFTER FABRICATION.

DETAIL IS BASED ON LITECONTROL, "SCION P-ID-3300-PFB-ELB-EF"

TYPE	LAMP #	LAMP TYPE	INPUT WATTS	VOLTS	MOUNTING
	6	F40BX/G11/RS	240	120/277	SUSPENDED, CEILING, MOUNT 8'-0" AFF TO BOTTOM OF FIXTURE


**DECORATIVE PENDANT**



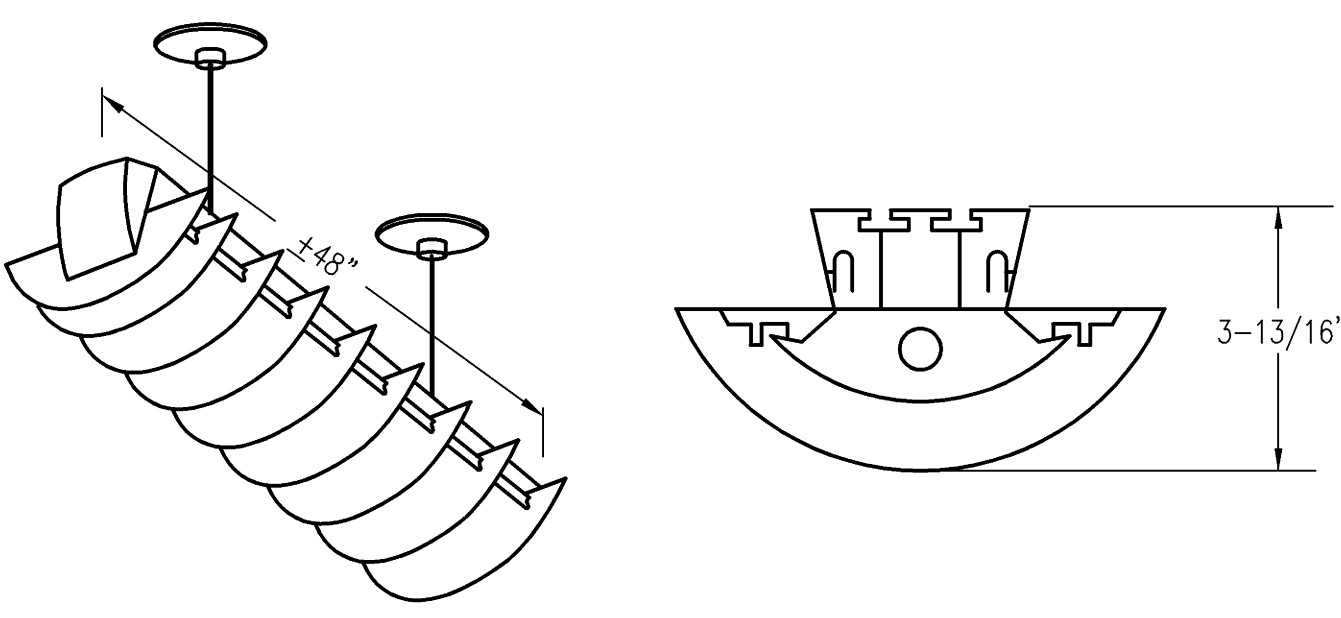
**LUMINAIRE REQUIREMENTS**

- HOUSING: 20 GAUGE STEEL
- ELECTRICAL: T8 FIXTURES HAVE INSTANT-START ELECTRONIC BALLASTS WITH LESS THAN 20% THD. PROVIDE BALLAST WITH "FINGER SAFE" DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.73(G). FIXTURES ARE U.L. DAMP LABELED (NON-EMERGENCY) AND I.B.E.W. MANUFACTURED. MAXIMUM BALLAST SIZE AVAILABLE: 2 3/8" WIDTH X 1 1/2" HEIGHT
- UL LISTED FOR DAMP LOCATIONS.
- FINISH: THE STANDARD EXTERIOR BODY COLOR IS TEXTURED MATTE WHITE POWDER PAINT.

DETAIL BASED ON PRUDENTIAL LIGHTING "WAL-10" SERIES

TYPE	LAMP #	LAMP TYPE	INPUT WATTS	VOLTS	MOUNTING
	2	F32 T8	57	120/277	SURFACE WALL, MOUNT 6" OVER MIRROR APPROVE FINAL HEIGHT WITH OWNER/ARCHITECT


**4' WALL MOUNTED FLUORESCENT**



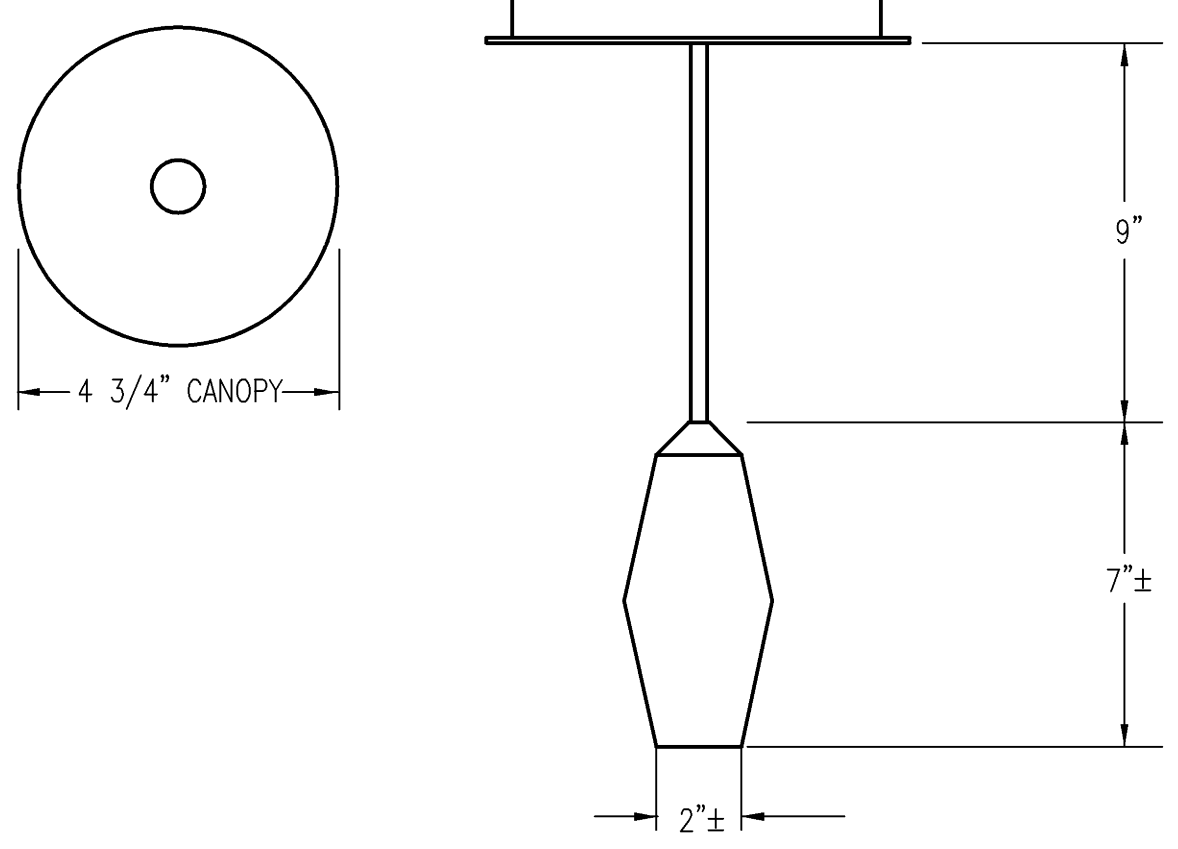
**LUMINAIRE REQUIREMENTS**

- HOUSING: 4" IN A SINGLE SECTION. SECTIONS CAN BE JOINED TO FORM LONGER ROWS. NOMINAL 7" X 3" WITH EXTRUDED ALUMINUM SPINE AND NOMINAL 4" ONE-PIECE ALUMINUM BAFFLE ASSEMBLIES. STEEL AND DIE CAST ALUMINUM SCULPTURED ENDCAP.
- REFLECTOR: WHITE PAINTED CENTER REFLECTOR (NOMINAL 90% REFLECTANCE). PERFORATED SIDE REFLECTOR/SHIELD.
- BALLAST – ELECTRONIC, HIGH POWER FACTOR, THERMALLY PROTECTED, CLASS P WITH A SOUND RATING OF "A". TOTAL HARMONIC DISTORTION (THD) SHALL BE ≤20%. PROVIDE BALLAST WITH "FINGER SAFE" DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.73(G).
- SUSPENSION – AIRCRAFT CABLE PENDANTS
- FINISH SHALL BE WHITE POWDER COAT.
- LISTING – FIXTURE SHALL BE UL LISTED.

DETAIL BASED ON PEERLESS, "ICDM8" SERIES

TYPE	LAMP #	LAMP TYPE	INPUT WATTS	VOLTS	MOUNTING
	1	54W TSHO	59	120/277	PENDANT


**DIRECT PENDANT FLUORESCENT**



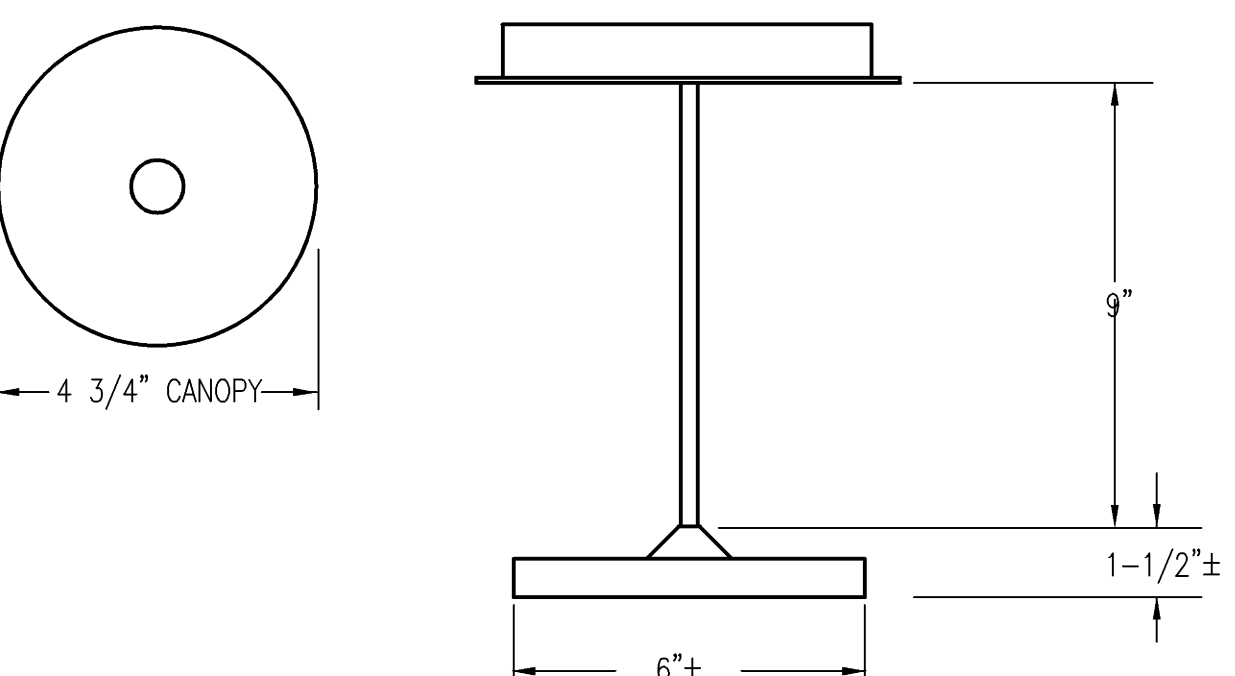
**LUMINAIRE REQUIREMENTS**

- CONSTRUCTION: ALL ALUMINUM WITH GALVANIZED STEEL BACK PLATE AND STAINLESS STEEL HARDWARE.
- DIFFUSER: SOLID ACRYLIC DIFFUSER, TIKI SHAPE.
- MOUNTING: STANDARD 4" OCTAGON JUNCTION BOX WITH HIDDEN FASTENERS.
- LUMINAIRE: 1 HIGH OUTPUT LED, #003 AMBER.
- INTEGRAL DRIVER: INTEGRAL NON-DIMMING DRIVER.
- FINISH: AS SELECTED BY ARCHITECT.
- UL LISTED: DRY LOCATION.

BASED ON WINONA, "POPS01" SERIES

TYPE	LAMP #	LAMP TYPE	INPUT WATTS	VOLTS	MOUNTING
	1	4W/LED	4W	120V	PENDANT, CEILING


**LED PENDANT**



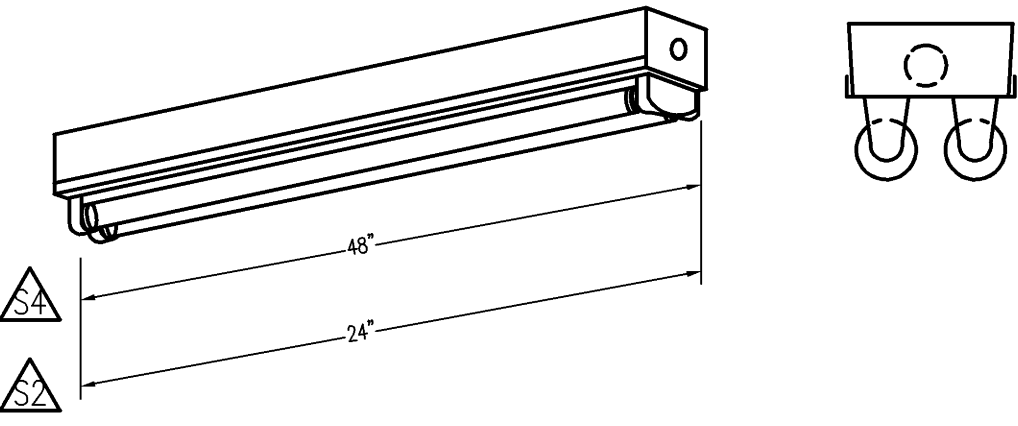
**LUMINAIRE REQUIREMENTS**

- CONSTRUCTION: ALL ALUMINUM WITH GALVANIZED STEEL BACK PLATE AND STAINLESS STEEL HARDWARE.
- DIFFUSER: SOLID ACRYLIC DIFFUSER, PUCK SHAPE.
- MOUNTING: STANDARD 4" OCTAGON JUNCTION BOX WITH HIDDEN FASTENERS.
- LUMINAIRE: 1 HIGH OUTPUT LED, #003 AMBER.
- INTEGRAL DRIVER: INTEGRAL NON-DIMMING DRIVER.
- FINISH: AS SELECTED BY ARCHITECT.
- UL LISTED: DRY LOCATION.

BASED ON WINONA, "POPS01" SERIES

TYPE	LAMP #	LAMP TYPE	INPUT WATTS	VOLTS	MOUNTING
	1	4W/LED	4W	120V	PENDANT, CEILING

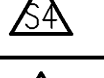

**LED PENDANT**



**LUMINAIRE REQUIREMENTS**

- HOUSING SHALL BE 0.026" MINIMUM THICKNESS DIE FORMED COLD ROLLED STEEL, CHEMICALLY TREATED FOR RUST PREVENTION AND FINISHED WITH WHITE BAKED ENAMEL OR POLYESTER FINISH. PROVIDE TOP AND END KNOCKOUTS IN FIXTURE AND METAL END PLATES.
- HOUSING WELDED OR SECURED BY SCREWS, RIVETS OR SNAP TOGETHER TABS AND SLOTS, INTO A SINGLE ASSEMBLY.
- LUMINAIRE SHALL BE CAPABLE OF CONTINUOUS ROW AND SINGLE UNIT PLACEMENT WITH PENDANT OR SURFACE MOUNTING.
- BALLAST SHALL BE ELECTRONIC, WITH THD < 20%, HIGH POWER FACTOR (≥ .95) CLASS P ELECTRONIC BALLAST WITH A SOUND RATING OF "A". PROVIDE BALLAST WITH "FINGER SAFE" DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.73(G).

BASED ON LITHONIA, "C" SERIES

TYPE	LAMP #	LAMP TYPE	INPUT WATTS	VOLTS	MOUNTING
	2	F32 T8	60	120/277	SURFACE, CEILING
	2	F17 T8	35	120/277	SURFACE, CEILING

**FLUORESCENT STRIP**